Compact Lift Chair

Operating Instructions & Service Manual

air comfort®

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SPECIFICATIONS

MAXIMUM USER WEIGHT: 120kg

DIMENSIONS:

	Small	Medium	Large
Outside			
Height	1060mm	1260mm	1150mm
Width	750mm	750mm	620mm
Length (Seated Position)	820mm	820mm	890mm
Inside			
Back Height	680mm	740mm	800mm
Seat Depth	430mm	510mm	510mm
Seat width	500mm	500mm	600mm
Seat Height	440mm	520mm	520mm

GROSS WEIGHT OF CHAIR: 65kg

CONSTRUCTION: Timber framework, Steel Lift Mechanism, Patented Air Comfort Seating System, Foam & fabric cover.

ACTUATOR: 18 Volt Electric

CASTORS: ∅50mm black rubber swivel castors
(2 locking, 2 standard)

POWER SUPPLY: 100 – 240 V, AC 50Hz

IMPORTANT SAFETY PRECAUTIONS

- This product has been designed and manufactured with safety and function for both the user and the operator as the utmost importance. The recommended max load capacity for this product is 120kg.
- Operators must read and follow the manual to ensure all safety precautions are not compromised.
- For safety when lowering the product to its lowest position, the operator should ensure any obstructions are removed from behind.
- The Single Motor mechanism is a *Wall Saver* mechanism however it is still necessary to position the back of the chair at least **10cm** away from any obstructions behind the chair prior to reclining.
- For safety transferring a patient on / off the chair, the operator must ensure that the rear castors have been locked
- Never have any loose objects in the vicinity of the product when using any of the functions, as these may obstruct, hinder or damage the moving components of the product. Always check the surrounding area and under the chair for objects that may be crushed with any movement of the product.
- Do not place anything over the power cords, pass any power cords through the chair or drag the chair by the cords. When positioning ensure all cabling is free of the mechanism. **Damaging the electrical cables voids the warranty.**
- Ensure electrical plug is disconnected from the wall before moving the product.
- Do not use as a CPR Bed.
- When not in use, leave the product in the upright position.
- Follow the maintenance instructions.
- Follow the cleaning instructions.

SET UP INSTRUCTIONS

The product is delivered fully assembled and ready for use however inspect the product before use.

For protection the transformer and power cable are stored behind the backrest cushion.

Transformer, power cord and cable can be found tucked behind the bottom of the lumbar cushion.

OPERATING INSTRUCTIONS

Positioning

The Air Comfort Compact Lift Chair is fitted with an electric actuator. Using a handset, this allows the occupant or carer to gradually lift the chair at an angle to assist the occupant to sit or alight from the chair. Using the same handset the leg rest can be raised and the back reclined for further comfort.

- *It is not necessary to recline the back rest in order to bring the leg rest to the raised position. The leg rest will raise to its full extent before the back rest begins to recline.*
- *The Single Motor mechanism is a Wall Saver mechanism however it is still necessary to position the back of the chair at least **10cm** away from any obstructions behind the chair prior to reclining.*

Handset

The diagram below identifies which button on the handset operates which function of the chair.

- *The handset is spill resistant however avoid contact with liquids as a precaution. The handset is <u>not</u> waterproof and must not be washed or immersed in liquid.*

Raises backrest & lowers footrest from recline. Lifts chair to fully raised position.

Lowers chair from fully raised position. Raises footrest & lowers backrest to recline.

Single Motor Compact Lift
Full lift position

Single Motor Compact Lift
Full Recline position

Castors

All Compact Lift Chairs are fitted with four swivel castors. The two rear swivel castors are also locking. To lock the castors simply push the side lever down where marked “ON”. To unlock the castors push the same lever down on the opposite end marked “OFF”.

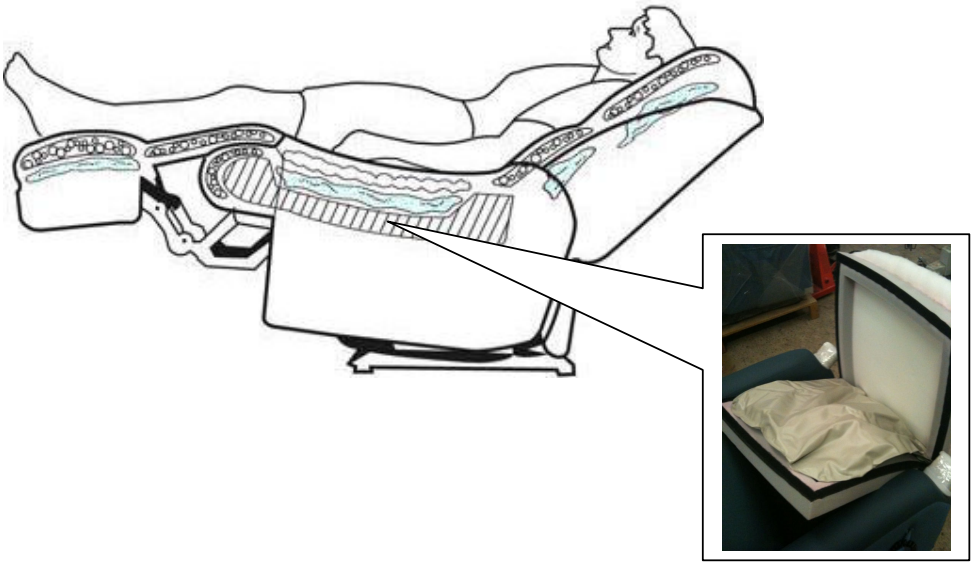
BATTERY BACKUP

The battery backup feature enables the lift chair to be powered to the raised position (once only) in the event of a power failure.

2 x 9v batteries are fitted to the compartment inside the transformer.

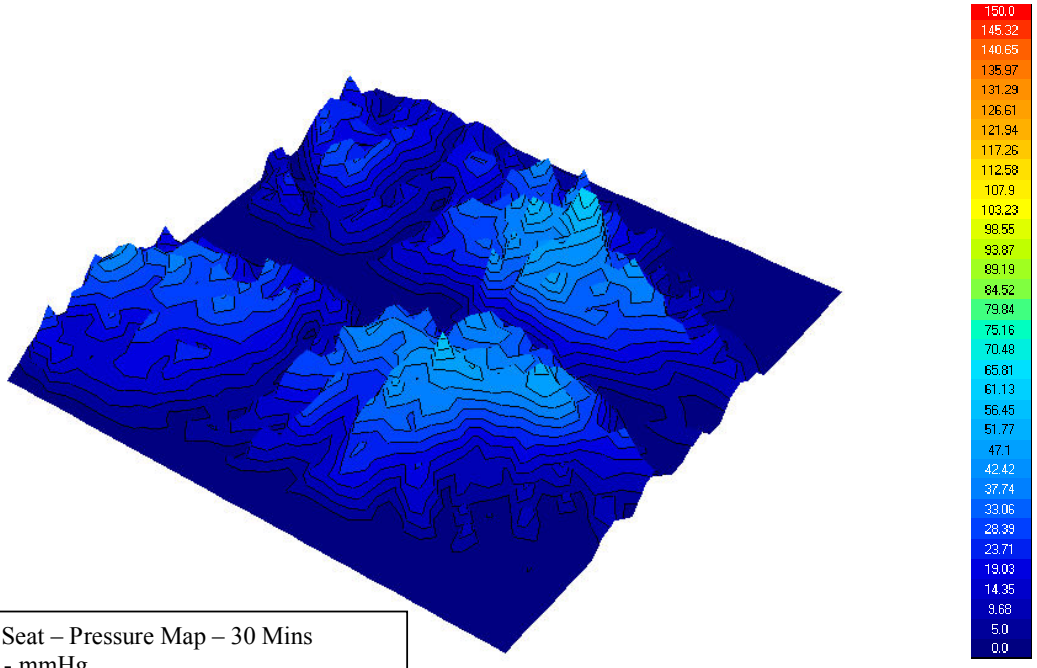
The batteries must be replaced if the lift chair has been operated during a power failure or operated when unintentionally not plugged into AC power.

AIR SEATING SYSTEM



The Exclusive *Air Comfort Seating System* is comprised of four separate air bladders providing complete head to toe pressure relief and superior comfort. Each Bladder is filled with a specifically calibrated low level of air to ensure maximum pressure relief for the average user.
There should be no need to adjust the level of air or access the bladders unless to fulfill a specific clinical need and at the direction of a Clinician or if there appears to be a fault.

All Air Comfort models are extensively pressure mapped during research and development to identify the ideal air levels, construction and materials.



Compact Lift Seat – Pressure Map – 30 Mins
Measurement - mmHg

SERVICE & MAINTENANCE

Maintenance and Cleaning

1. Cleaning Instructions

    - Material: Please follow specific fabric-cleaning instructions located on the rear backrest cushion.

    - Electrical components and cables: The handset, transformer, cables and actuators should be regularly inspected, cleaned and replaced if found to be damaged. Failure to immediately replace damaged components can result in damage to other connected electrical components.

    - Lift Action: The steel lift action should be regularly cleaned with a damp cloth and then wiped dry. After some time lubrication of joints and pivot points can assist

Common Service Concerns

1. **The transformer is overheating and the lift and recline action is not operating.** This usually indicates that one of the cords inside the action has been damaged or cut. Contact your dealer to arrange a repair. <u>This damage is not a covered under warranty</u>.

2. **There isn't enough air in the seat**. If you are unfamiliar with the Air system, it may appear that there is not enough air in the air bags. The air bladders work effectively when the user is sitting in the chair. When seated the small amount of air will displace throughout the bladders to create a thin layer of air cushioning. Do not add air to the bladders before first consulting your supplier or the manufacturer. If you believe one of the air bladders has deflated, un-velcro the cover on the side of the seat to access and carefully remove the problem bladder. Examine the bag and the valve for obvious punctures or any sign of damage, particularly along the welds. To test for a leak, inflate the bag (making sure the valve is then properly secured) and leave it aside for several hours or overnight to see if it deflates of its own accord. If the bladder shows signs of leaking air, a new bladder can be sourced through the supplier from whom the unit was purchased. Should you wish to repair the air bladder onsite, puncture kits are available. Follow the instructions on the puncture kits for repairing the leak.

3. **The seat area has collapsed**. Do not be alarmed when the seat settles into its natural shape. The seat should look slightly concaved after some time as the foam settles. **This does not necessarily indicate that the air bladders are faulty.** Sit in the unit and you will find that the cushioning is unchanged, or in fact improved. If you still feel the air bladder has a leak, follow the steps outlined in point 2 above.

WARRANTY / SERVICE CONTRACT

Warranty

Frame	5 Years
Foam	5 Years
Air Bags	2 Years
Castors	2 Years
Fabric	Manufacturers
Workmanship	2 Years

* Conditions Apply. See Warranty for further details

Service contract

A Hills Healthcare Technical Representative should service the product annually. Please contact your place of purchase for warranty claims or service contract enquires. We appreciate any feedback regarding Air Comfort products or service.

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